

**DAMAGE SURVEY REPORT (DSR)**  
**Emergency Watershed Protection Program – Recovery**

**Section 1A**

Date of Report: 02/16/06

DSR Number: 045-05-015 R Project Number: L1B-4B at Hubertville Rd.

**Section 1B Sponsor Information**

Sponsor Name: Iberia Parrish Government

Address: 5013 Avery Island Rd.

City/State/Zip: New Iberia, La 70560

Telephone Number: (337) 364 8474

Fax: (337) 364 5497

**NRCS Entry Only**

Eligible: YES ☒ NO ☐  
Approved: YES ☒ NO ☐  
Funding Priority Number (from Section 4) 2e  
Limited Resource Area: YES ☐ NO ☒

**Section 1C Site Location Information**

County: Iberia Parish

State: LA

Congressional District: 03

Latitude: Start: N 29.89987 End: N29.90006

Longitude: Start: W 091.70777 End: W 091.70709

Section: 22 Township: 13 S. Range: 7 E.

UTM Coordinates: \_\_\_\_\_

Drainage Name: L1B-4B

Reach: Start just downstream from Hubertville Rd. End about 230 ft. downstream from start

Damage Description: Trees, branches and other debris in channel causing blockage and increased flooding to homes

**Section 1D Site Evaluation**

All answers in this Section must be YES in order to be eligible for EWP assistance.

Site Eligibility	YES	NO	Remarks
Damage was a result of a natural disaster?*	X		Hurricane Rita wind and storm damage
Recovery measures would be for runoff retardation or soil erosion prevention?*	X		Reduce upstream flooding , streambank erosion, and scour erosion
Threat to life and/or property?*	X		Reduce flooding upstream of channel blockage where homes and school is located
Event caused a sudden impairment in the watershed?*	X		Hurricane deposited debris in channel that will likely cause flooding after next major rainfall event
Imminent threat was created by this event?***	X		Flood damage to homes and school likely after next major rainfall event.
For structural repairs, not repaired twice within ten years?***	X		No evidence of repairs to pipes culverts or roads in past several years
<b>Site Defensibility</b>			
Economic, environmental, and social documentation adequate to warrant action? (Go to pages 3, 4, 5 and 6 ***)	X		See attached documentation
Proposed action technically viable? (Go to Page 9 ***)	X		See attached documentation

Have all the appropriate steps been taken to ensure that all segments of the affected population have been informed of the EWP

**Section 1E Proposed Action**

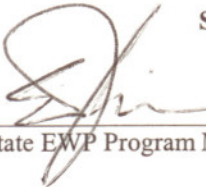
Describe the preferred alternative from Findings: Section 5 A:

Remove downed trees, branches and other debris Access will be from south side of channel. Dispose of material in approved land fill.

Total installation cost identified in this DSR: Section 3: \$5,587

**Section 1F NRCS State Office Review and Approval**

Reviewed By:

  
State EWP Program Manager

Date Reviewed:

2/27/06

Approved By:

State Conservationist

Date Approved: \_\_\_\_\_

**PRIVACY ACT AND PUBLIC BURDEN STATEMENT**

NOTE: The following statement is made in accordance with the Privacy Act of 1974, (5 U.S.C. 552a) and the Paperwork Reduction Act of 1995, as amended. The authority for requesting the following information is 7 CFR 624 (EWP) and Section 216 of the Flood Control Act of 1950, Public Law 81-516, 33 U.S.C. 701b-1; and Section 403 of the Agricultural Credit Act of 1978, Public Law 95-334, as amended by Section 382, of the Federal Agriculture Improvement and Reform Act of 1996, Public Law 104-127, 16 U.S.C. 2203. EWP, through local sponsors, provides emergency measures for runoff retardation and erosion control to areas where a sudden impairment of a watershed threatens life or property. The Secretary of Agriculture has delegated the administration of EWP to the Chief or NRCS on state, tribal and private lands.

Signing this form indicates the sponsor concurs and agrees to provide the regional cost-share to implement the EWP recovery measure(s) determined eligible by NRCS under the terms and conditions of the program authority. Failure to provide a signature will result in the applicant being unable to apply for or receive a grant the applicable program authorities. Once signed by the sponsor, this information may not be provided to other agencies. IRS, Department of Justice, or other State or Federal Law Enforcement agencies, and in response to a court or administrative tribunal.

The provisions of criminal and civil fraud statutes, including 18 U.S.C. 286, 287, 371, 641, 651, 1001; 15 U.S.C. 714m; and 31 U.S.C. 3729 may also be applicable to the information provided. According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0578-0030. The time required to complete this information collection is estimated to average 117/1.96 minutes/hours per response, including the time for reviewing instructions, searching existing data sources, field reviews, gathering, designing, and maintaining the data needed, and completing and reviewing the collection information.

**USDA NONDISCRIMINATION STATEMENT**

"The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.)

Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotope, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD). To file a complaint of discrimination write USDA, Director of Civil Rights, 1400 Independence Avenue, SW, Washington, DC 20250-941 0 or call (800)795-3272 (voice) or (202)720-6382 (TDD). USDA is an equal opportunity provider and employer.

**Civil Rights Statement of Assurance**

The program or activities conducted under this agreement will be in compliance with the nondiscrimination provisions contained in the Titles VI and VII of the Civil Rights Act of 1964, as amended; the Civil Rights Restoration Act of 1987 (Public Law 100-259); and other nondiscrimination statutes: namely, Section 504 of the Rehabilitation Act of 1973, Title IX of the Amendments of 1972, the Age Discrimination Act of 1975, and the Americans with Disabilities Act of 1990. They will also be in accordance with regulations of the Secretary of Agriculture (7 CFR 15, 15a, and 15b), which provide that no person in the United States shall on the grounds of race, color, national origin, gender, religion, age or disability, be excluded from participation in, be denied the benefits of, or otherwise subjected to discrimination under any program or activity receiving Federal financial assistance from the U.S. Department of Agriculture or any agency thereof.

## Section 2 Environmental Evaluation

2A Resource Concerns	2B Existing Condition	2C Alternatives and Effects		
		Proposed Action	No Action	Alternative
		Remove tree logs and debris from south side of channel and haul to landfill	Leave tree logs and debris in channel	Remove tree logs and debris from both sides of channel and haul to landfill
<b>2D Effects of Alternatives</b>				
<b>Soil</b>				
Bank Erosion	Stable except for exposed soil around uprooted trees on stream bank	Cause temporary increase in bank erosion from removal of root mass and construction activities on south side of channel.	Erosion from root mass will stabilize, but increased upstream flooding will cause additional bank erosion and undercutting	Cause temporary increase in bank erosion from removal of root mass and construction activities on both sides of channel.
Compaction	No compaction	Heavy equipment will moderately compact soil on south side of channel	No compaction	Heavy equipment will moderately compact soil on both sides of channel
<b>Water</b>				
Flooding	Property upstream of blockage is subject to flooding from debris accumulating after future heavy rainfall events	Upstream flooding will be reduced and damages to property will be minimized from heavy rainfall events	Property upstream of debris blockage will continue to be subject to damages from heavy rainfall events	Upstream flooding will be reduced and damages to property will be minimized from heavy rainfall events
Inadequate outlets	Debris is blocking outlets	Outlets will be opened, capacities will be increased and flooding will be reduced	Debris will continue to accumulate and further reduce outlet capacities	Outlets will be opened, capacities will be increased and flooding will be reduced
Excessive Sediments and turbidity	Stream flow is minimal and no sediment problems will occur until next heavy rainfall event.	Disturbance from heavy equipment and removal of root mass will cause short term increase in sediment and turbidity, but will reduce long term impacts.	Sediments and turbidity will increase as a result of stream bank erosion and scour damage following future heavy rainfall events	Disturbance from heavy equipment and removal of root mass will cause short term increase in sed and turbidity, but will reduce long term impacts.
Stream health (including SVAP))	3.8 (Poor Conditions)	4.2 (Poor Conditions)	3.8 (Poor Conditions)	4.0 (Poor Conditions)
<b>Air</b>				
Particulate Matter less than PM 10	No particulate matter is being generated by debris in channel	Will cause slight increase in particulate matter as result of equipment and removal, but will remain below 10mm.	No change in particulate matter	Will cause slight increase in particulate matter as result of equipment and removal, but will remain below 10mm.
<b>Plant</b>				
Productivity, Health and Vigor of Riparian Vegetation	Riparian vegetation on south side previously removed for homes/yards. North side is narrow timber band and cropland.	No standing trees or natural vegetation will be removed using south side access.	South side vegetation will remain in homes/yards. North side will remain narrow due to cropland infringement	No standing trees or natural vegetation will be removed using south side access. Few trees may be removed on north side.
Productivity, Health and Vigor of Stream Aquatic Vegetation	Aquatic plants are limited to filamentous algae. Channel is almost dry	Improved flow may decrease filamentous algae	Aquatic plants are unlikely to change because of ephemeral water in ditch	Improved flow may decrease filamentous algae
<b>Animal</b>				
Inadequate Cover/Shelter for Stream Fisheries (also see SVAP)	Fish habitat is limited by ephemeral water. Limited overhead canopy/debris provide minimal cover	Minimal amount of instream cover will be removed, but no fisheries to impact.	Fish habitat will remain limited by ephemeral water and limited overhead cover	Minimal amount of instream cover will be removed, but no fisheries to impact.
Inadequate Cover/Shelter for Wildlife Corridor	Riparian habitat is absent on south and very sparse on north side	Access will be from open south side and will not result in loss of cover	Riparian buffers will remain "as is". Absent on south, very sparse on north	Loss of 1 or 2 trees on north side. No impact on south side
<b>Other</b>				
Aesthetics	Existing narrow band of trees on north side contributes marginally to neighborhood landscape	Access from south side will not result in landscape changes or affect visual aspects of neighborhood	The landscape will remain the same except for any changes that may be caused by flooding	Access from both sides will not significantly impact visual aspects of neighborhood (1- 2 trees)
<b>Mosquito and Insect Vectors</b>	Few pools of shallow water for mosquito reproduction.	The number of shallow pools providing habitat for mosquito will be reduced.	No change in mosquito or vectors will occur	The number of shallow pools providing habitat for mosquito will be reduced.

**Section 2E Special Environmental Concerns**

Resource Consideration	Existing Condition	Alternatives and Effects		
		Proposed Action	No Action	Alternative
Clean Water Act Waters of the U.S.	Poor Water Quality, Low DO, High BOD	Improved water quality. CWA 404 Permit required. Water Quality Certification possible.	Decreased water quality. Increased blockage and flooding	Improved water quality. CWA 404 Permit required. Water Quality Certification possible.
Coastal Zone Management Areas	Site is in Coastal Zone Management Area	No materials will be excavated or deposited in CZMA. Use permit required	No Impacts	No materials will be excavated or deposited in CZMA. Use permit required
Coral Reefs	N/A	N/A	N/A	N/A
Cultural Resources	Use FOTG guidance. State level review needed	Same as existing. Permit required	Same as existing	Same as existing. Permit required
Endangered and Threatened Species	Use FOTG guidance USFWS/LDWF list shows species in parish, but none are likely in project area	No impacts	No impacts	No impacts
Environmental Justice	Not a factor in this project area	Not a factor in this project area	Not a factor in this project area	Not a factor in this project area
Essential Fish Habitat	No essential fish habitat within this project area	No essential fish habitat within this project area	No essential fish habitat within this project area	No essential fish habitat within this project area
Fish and Wildlife Coordination	No stream modification proposed	Will coordinate if issues arise in CWA 404 permit application process	N/A	Will coordinate if issues arise in CWA 404 permit application process
Floodplain Management	Project boundary is within 100 year floodplain	Improve drainage and reduce level of flooding to pre hurricane conditions	N/A	If selected, project will improve drainage and reduce level of flooding to pre-storm conditions
Invasive Species	NA	NA	NA	NA
Migratory Birds	Provides marginal habitat for neotropical migrants	No impact on habitat for neotropical migrants where debris is removed	Continue to provide same level of habitat	Slightly reduce habitat for neotropical migrants where trees are removed
Natural Areas	Use FOTG guidance. No natural areas identified in project area	Use FOTG guidance. No natural areas identified in project area	Use FOTG guidance. No natural areas identified in project area	Use FOTG guidance. No natural areas identified in project area
Prime and Unique Farmlands	Use FOTG guidance and soil survey. No prime soils in urban area	No impact on prime soils	No impact on prime soils	Use FOTG guidance and soil survey. No prime soils in urban area
Riparian Areas	Urbanization (lawns/housing) and cropping have altered riparian habitat. Natural habitat is gone	No impact from access on previously cleared south side of channel.	Riparian habitat will remain altered due to lawns and cropping	A few standing trees would be removed at access points on north side of channel.
Scenic Beauty	Use FOTG guidance. Channel has minimal aesthetic beauty as result of previous riparian loss	Riparian habitat will not be noticeably impacted	Downed timber in stream and along riparian areas will continue to reduce aesthetics.	Riparian habitat will not be noticeably impacted, but few trees would be removed
Wetlands	Minimal wetland functions and values because of ephemeral water and drainage	Removal of debris will restore nature wetland functions and values to pre-storm conditions	The minimal wetland functions and values will remain altered.	Removal of debris will restore nature wetland functions and values to pre-storm conditions
Wild and Scenic Rivers	Use FOTG guidance. No listed streams affected by project	No impact on listed streams or rivers	No impact on listed streams or rivers	No impact on listed streams or rivers

Completed By: Steve Tully, BiologistDate: 02/16/2006

**Section 2F Economic****This section must be completed by each alternative considered (attach additional sheets as necessary).**

	Future Damages (\$)	Damage Factor (%)	Near Term Damage Reduction
Properties Protected (Private)			
<b>3 houses and several out buildings @ 48,000 each</b>	<b>\$144,000</b>	<b>25%</b>	<b>\$ 36,000</b>
Properties Protected (Public)			
<b>Overhead power lines @ \$1000 per pole</b>	<b>\$ 9,000</b>	<b>100%</b>	<b>\$ 9,000</b>
<b>Hubertville Road</b>	<b>\$ 5,000</b>	<b>100%</b>	<b>\$ 5,000</b>
Business Losses			
<b>NONE</b>	<b>0</b>	<b>0</b>	<b>0</b>
Other			
<b>NONE</b>	<b>0</b>	<b>0</b>	<b>0</b>
Total Near Term Damage Reduction \$			<b>50,000</b>
Net Benefit (Total Near Term Damage Reduction minus Cost from Section 3)			<b>44,413</b>

Completed By: Mark D. ConklingDate: February 17, 2006

**Section 2G Social Consideration**

**This section must be completed by each alternative considered (attach additional sheets as necessary).**

	<b>YES</b>	<b>NO</b>	<b>Remarks</b>
Has there been a loss of life as a result of the watershed impairment?		<b>X</b>	
Is there the potential for loss of life due to damages from the watershed impairment?		<b>X</b>	
Has access to a hospital or medical facility been impaired by watershed impairment?	<b>X</b>		Hubertville Road is a major link to medical and emergency services. Flooding may cause road to be temporarily out of service.
Has the community as a whole been adversely impacted by the watershed impairment (life and property ceases to operate in a normal capacity)		<b>X</b>	
Is there a lack or has there been a reduction of public safety due to watershed impairment?	<b>X</b>		Access to residences by emergency personnel (Fire, police, ambulance) would be limited if future flooding occurs due to watershed impairment.

Completed By: Mark D. Conkling

Date: February 17, 2006

**Section 2H Group Representation and Disability Information****This section is completed only for the preferred alternative selected.**

Group Representation	Number
American Indian/Alaska Native Female Hispanic	
American Indian/Alaska Native Female Non-Hispanic	
American Indian/Alaska Native Male Hispanic	
American Indian/Alaska Native Male Non-Hispanic	2 x 30% = 1
Asian Female Hispanic	
Asian Female Non-Hispanic	
Asian Male Hispanic	
Asian Male Non-Hispanic	
Black or African American Female Hispanic	
Black or African American Female Non-Hispanic	22 x 30% = 7
Black or African American Male Hispanic	
Black or African American Male Non-Hispanic	20 x 30% = 6
Hawaiian Native/Pacific Islander Female Hispanic	
Hawaiian Native/Pacific Islander Female Non-Hispanic	
Hawaiian Native/Pacific Islander Male Hispanic	
Hawaiian Native/Pacific Islander Male Non-Hispanic	
White Female Hispanic	8 x 30% = 2
White Female Non-Hispanic	28 x 30% = 8
White Male Hispanic	4 x 30% = 1
White Male Non-Hispanic	27 x 30% = 8
Total Group	111 x 30% = <b>33</b>

Census tract(s): Census tract 314 block 3009

Completed By: Mark D. ConklingDate: February 17, 2006

Note: Demographic information is from the 2000 US Census. Assumed 30% of block total population is represented in the potentially affected area. See the attached tables for detail. Also note that 9 persons (108 people/37 houses = 2.92 people/house x 3 houses) reside in the houses that would be affected by flooding.

DSR NO: 045-05-015 R

Section 2I. Required consultation or coordination between the lead agency and/or the RFO and another governmental unit including tribes:

Easements, permissions, or permits:

Access to channel from private properties will require easements/permission to be obtained by sponsor.

404 PERMIT REQUIRED

CWA permit and Water Quality certification possibly needed because of potential of grubbing stumps.

COASTAL USE PERMIT REQUIRED

Mitigation Description:

Access will be from one side of channel. Access should be from south side of channel along entire reach. Debris will be removed from project area and disposed of in an approved landfill. Proposed action will restore hydraulic function to downstream wetlands and eliminate stagnant pools in channel, reducing vector/disease potential. Action will be completed without interruption to reduce impact to nearby landowners and wildlife.

Agencies, persons, and references consulted, or to be consulted:

Corps of Engineers, New Orleans District , LDEQ, LDFW, and LNR

DSR NO: 045-05-015R

**Section 3 Engineering Cost Estimate**

Completed By: Rachel Manuel Date: 02/17/06

**This section must be completed by each alternative considered (attach additional sheets as necessary).**

Proposed Recovery Measure (including mitigation)	Quantity	Units	Unit Cost (\$)	Amount (\$)
Mobilization/Demobilization	1	LS	NA	\$4,000
Channel Obstruction Removal	230	LF	\$6.90	\$1,587
Seeding, sprigging, mulching	0	AC	\$200	\$0
Total Installation Cost (Enter in Section 1F)\$				\$5,587

Alternative Recovery Measure (including mitigation)	Quantity	Units	Unit Cost (\$)	Amount (\$)
Mobilization/Demobilization	1	LS	NA	\$5,000
Channel Obstruction Removal	230	LF	\$6.90	\$1,587
Seeding, sprigging, mulching	0	AC	\$200	\$0
Total Installation Cost \$				\$6,587

Unit Abbreviations:

AC Acre  
CY Cubic Yard  
EA Each  
HR Hour  
LF Linear Feet  
LS Lump Sum  
SF Square Feet  
SY Square Yard  
TN Ton  
Other (Specify)

DSR NO: 045-05-015 R  
**Section 4 NRCS EWP Funding Priority**

Complete the following section to compute the funding priority for the recovery measures in this application  
 (see instructions on page 10).

Priority Ranking Criteria	Yes	No		Ranking Number Plus Modifier
1. Is this an exigency situation?		X		
2. Is this a site where there is serious, but not immediate threat to human life?	X			2e
3. Is this a site where buildings, utilities, or other important infrastructure components are threatened?	X			3e
4. Is this site a funding priority established by the NRCS Chief?		X		
<b>The following are modifiers for the above criteria</b>			<b>Modifier</b>	
a. Will the proposed action or alternatives protect or conserve federally-listed threatened and endangered species or critical habitat?				
b. Will the proposed action or alternatives protect or conserve cultural sites listed on the National Register of Historic Places?				
c. Will the proposed action or alternatives protect or conserve prime or important farmland?				
d. Will the proposed action or alternatives protect or conserve existing wetlands?				
e. Will the proposed action or alternatives maintain or improve current water quality conditions?			e	
f. Will the proposed action or alternatives protect or conserve unique habitat, including but not limited to, areas inhabited by State-listed species, fish and wildlife management area, or State identified sensitive habitats?				

Enter priority computation in Section 1A, NRCS Entry, Funding Priority Number.

Remarks:

General water quality will be improved over entire reach. Adjacent wetlands will be restored and maintained.

**Section 5A Findings**

**Finding:** Indicate the preferred alternative from Section 2 (Enter to Section 1E):

*I have considered the effects of the action and the alternatives on the Environmental Economic, Social; the Special Environmental Concerns; and the extraordinary circumstances (40 CFR 1508.27). I find for the reasons stated below, that the preferred alternative:*

  X   Has been sufficiently analyzed in the EWP PEIS (reference all that apply)  
Chapter   5.2.2.1.2    
Chapter \_\_\_\_\_  
Chapter \_\_\_\_\_  
Chapter \_\_\_\_\_  
Chapter \_\_\_\_\_

       May require the preparation of an environmental assessment or environmental impact statement.  
The action will be referred to the NRCS State Office on this date:

NRCS representative of the DSR team

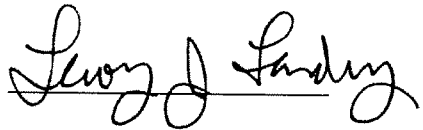
Title: Rachel Manuel, Stephen Tully, Mark Conkling

Date: 02/17/2006

**Section 5B Comments:**

Section 5C

Sponsor Concurrence:



**Sponsor Representative**

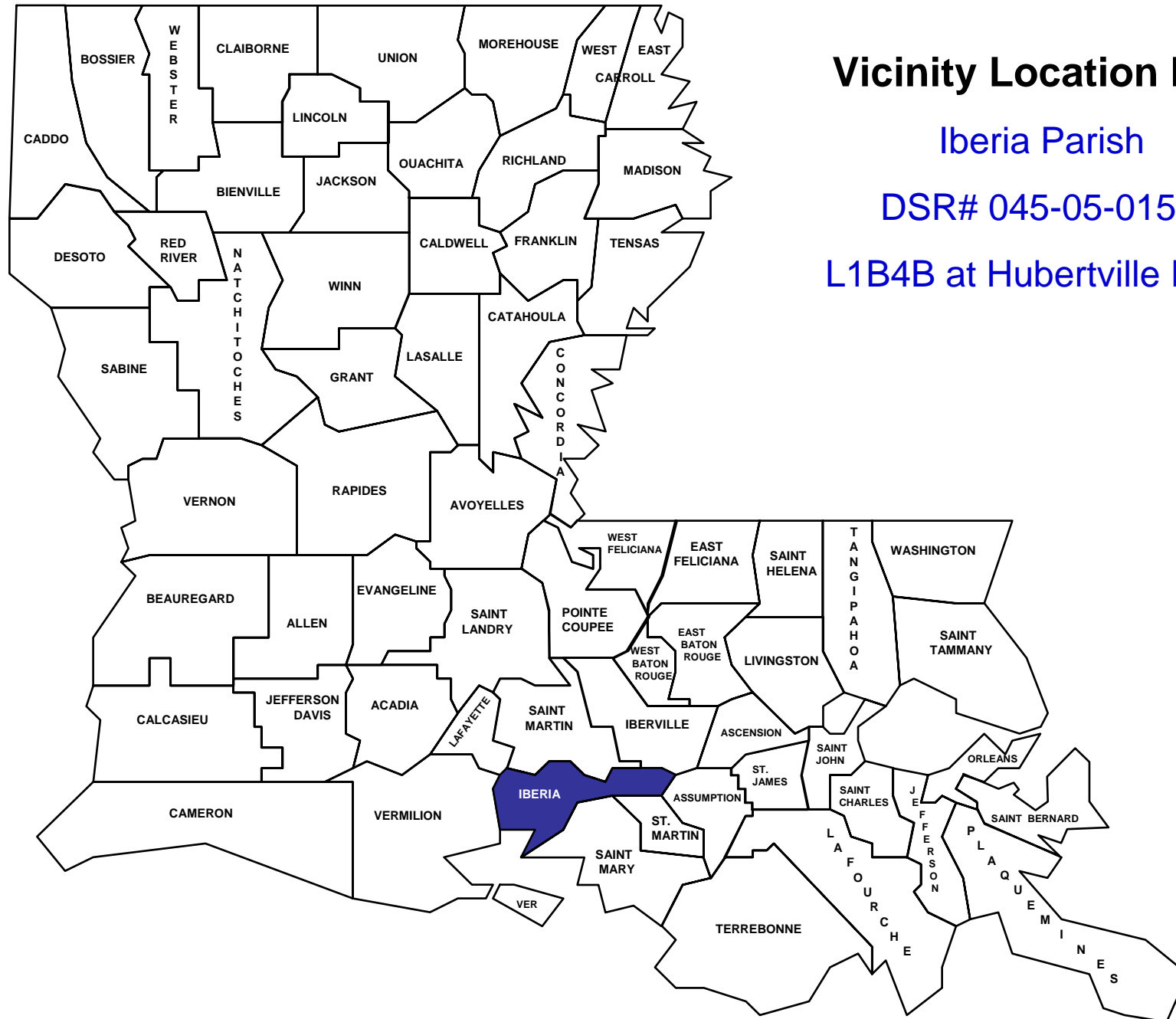
Title: Public Works Director Date: 2-23-06

**Section 6 Attachments:**

- A. Location Map
- B. Site Plan or Sketches
- C. Other (explain)

## SECTION 6

### ATTACHMENTS



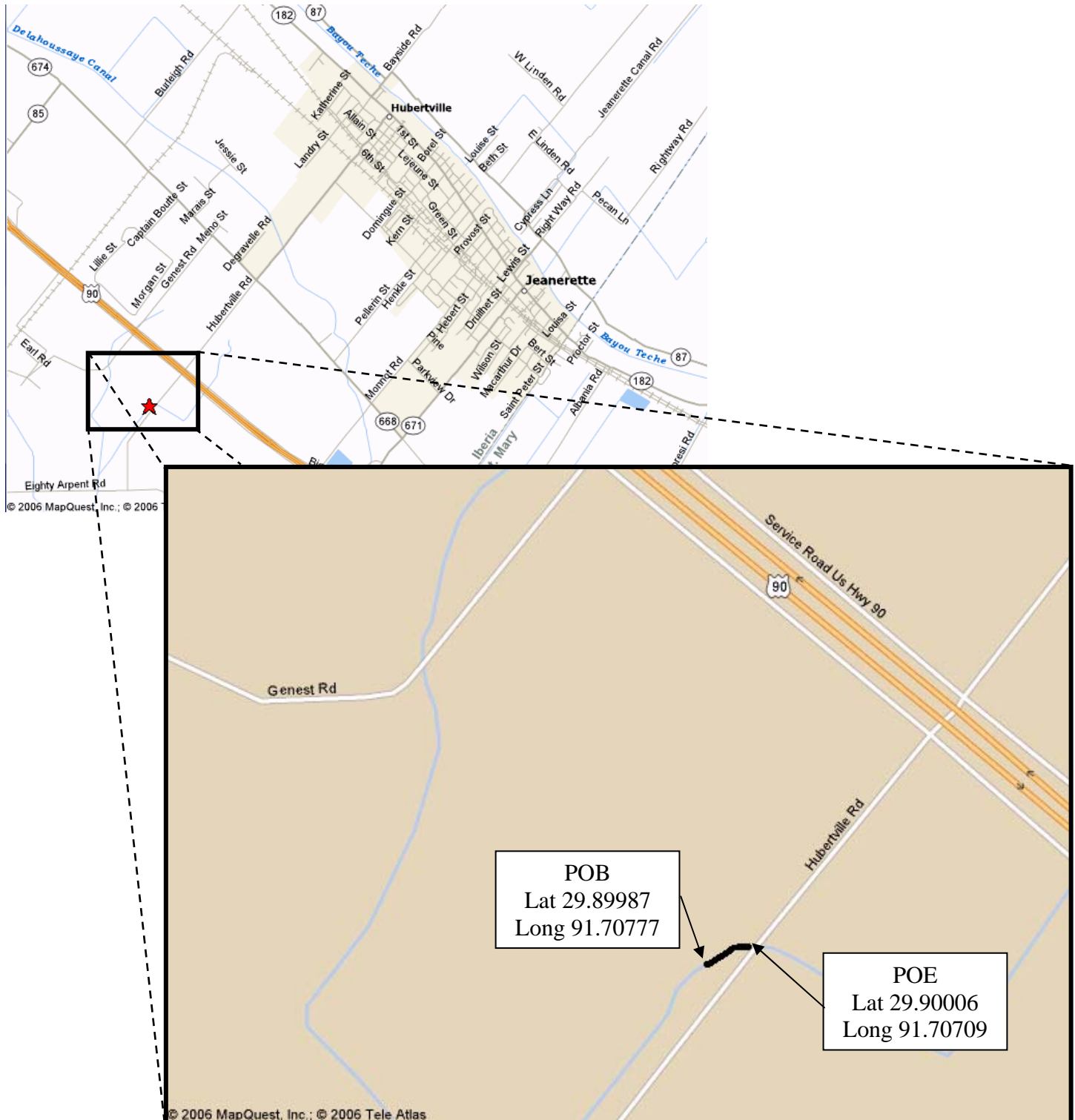
## Vicinity Location Map

Iberia Parish

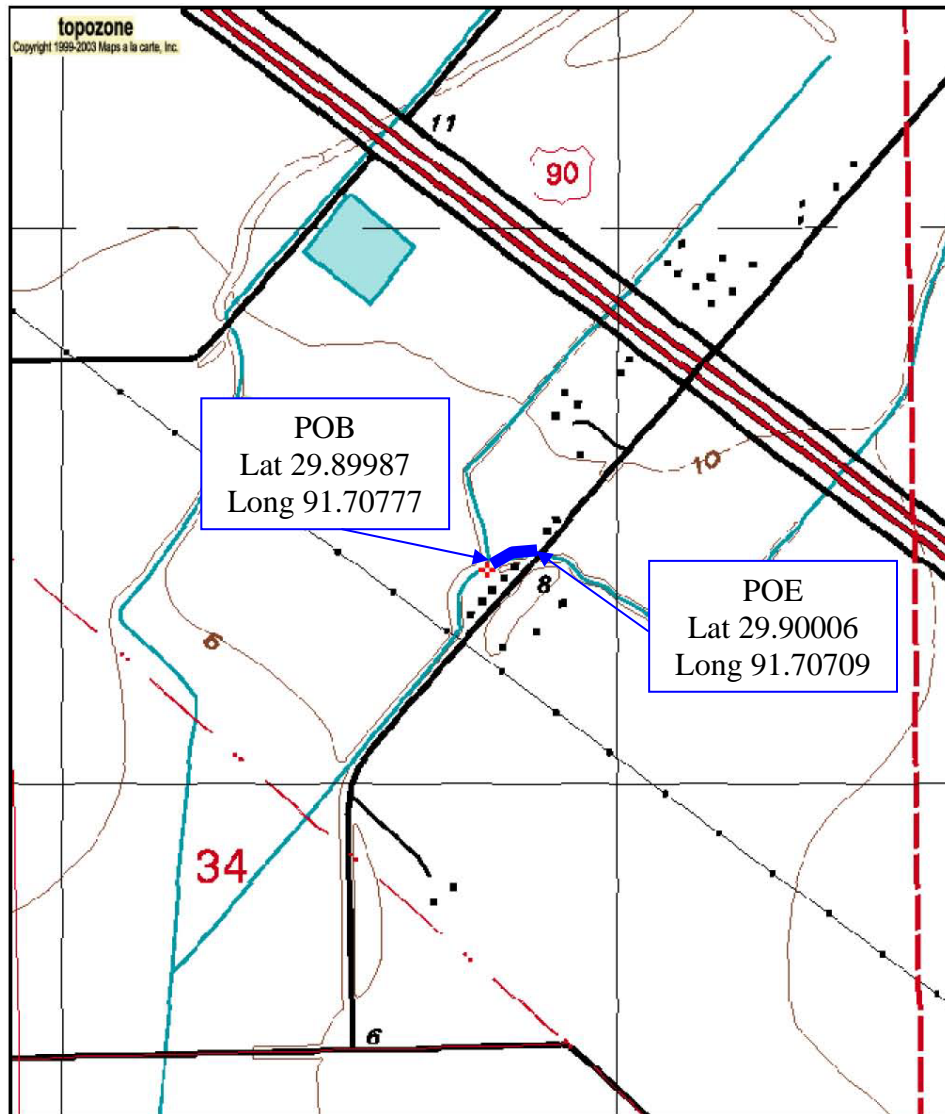
DSR# 045-05-015R

L1B4B at Hubertville Road

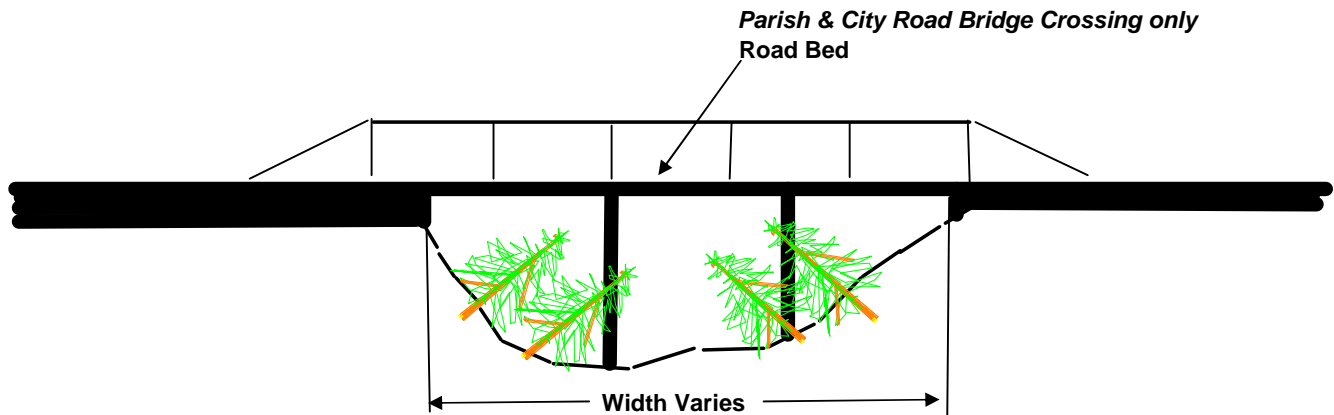
SITE MAP  
DSR 045-05-015R  
Channel L1B4B at Hubertville Road  
Iberia Parish



TOPO MAP  
DSR 045-05-015R  
Channel L1B4B at Hubertville Road  
Iberia Parish



## Debris Removal



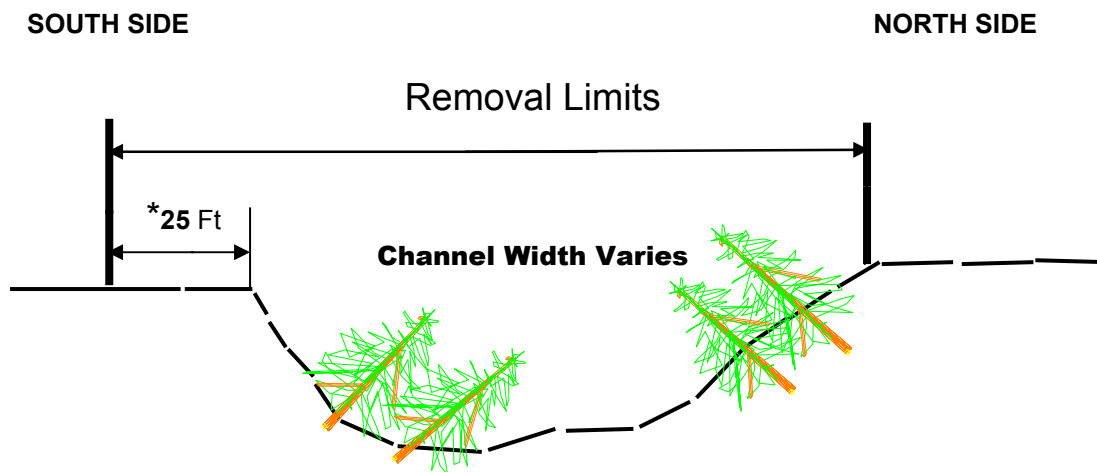
**Note:** Contract is to remove Debris from upstream and downstream Bridge which includes underside of bridge

**Exception:** All Crossing which cross State or Federal highways are not included in contract

## Typical Road Bridge Crossing Not to Scale

Notice:  
48 Hours Before Digging  
Call 1-800-272-3020

## Debris Removal



### Typical Section Not to Scale

**Notice:**  
**48 Hours Before Digging**  
**Call 1-800-272-3020**

**\*Note:** Access and work from south side only, except in locations where structures do not permit as concurred in by the COTR

**Exception** it may be possible that trees which were located outside of the the removal limits may have fallen into the removal limits, the trees will be removed even if only a portion of the tree is within the removal limits

DSR No:045-05-015R

Preferred Measure

Section 5 Engineering Cost Estimate Worksheet

Parish: Iberia

Channel: L1B4B at Hubertville Rd

Location:

Completed By: Rachel Manuel

Date: 17-Feb-06

Type of Work: Debris Removal

Location of Work:

Township(s)

Range(s)

Section(s)

Quadrangle(s)

13 South

7 East

22

Jeanerette

	L1B4B					
	Latitude	Longitude	Latitude	Longitude	Latitude	Longitude
Downstream Start:	29.89987	91.70770				
Upstream End:	29.90006	91.70709				

Estimated Length of Work Segment (ft): 230 linear feet

Item No.	Proposed Recovery Measure	Quantity	Units	Unit Cost	Amount
1	Mobilization & Demobilization	1	LS	\$4,000.00	\$4,000
2	Channel Obstruction Removal	230	LF	\$6.90	\$1,587
3	Seeding, Sprigging and Mulching	0	AC	\$200.00	\$0
4					\$0
5					\$0

Note: Estimated cost of debris removal includes equipment, labor, hauling, and disposal of material.

Total Estimated Construction Cost \$5,587

Performance Time:

Production Rate

Segment Length

Production Time

Contract Time

460 Ft/Day

230 Ft

0.50 Days

3 Days

Plus 2 Days Move In

Estimated Cost of Equipment with Labor (Per Revised Costs by BAS 2-9-06)

Description of Work: Light

Cost per LF \$6.90

Estimated Cost of Seeding with Labor

Segment Length

Segment Width

No.of Segment

Acres

Cost per Ac

Total Cost

230 Ft.

25 Ft.

1

0

\$200

\$0

Comments:

Preferred Alternative involves both sides of channel and 25 ft of top bank and removing only debris obstructing channel section, NOT floodplains. Channel work should be done from one side or the other, preferably not both. The preferable side to work off of is the south side, which is the yard to the neighboring house. It is recommended to burn in this area, since there are homes located nearby. It is recommended that the material be removed from the channel and hauled offsite.

## Channel Obstruction Evaluation

SITE INFORMATION			
Parish: <u>IBERIA</u>		Site: <u>DSR # 045-05-015 R</u>	
City: <u>Seacrest</u>		Channel: <u>4184B @ Hubertville Road</u>	
Sponsor: <u>IBERIA PARISH</u>		Reach: From -	To -
Date:			
Evaluation Team: <u>R. MANUEL, S. TILLY, M. CONKLING</u>			

PHOTO NUMBERS AND BRIEF DESCRIPTION		WAYPOINTS	
		(CIRCLE location and record in Decimal Degrees <u>POE</u> )	
Photo #	Description	Start Work (D/S end)	N <u>29.89987</u> <u>29.90006</u>
		Midstream	
		End Work (U/S end)	W <u>91.70777</u> <u>91.70709</u>

NEARBY AND UPSTREAM STRUCTURES			
(Fill in Numbers, Values, and Size)			
<b>CHURCHES</b>		<b>SCHOOLS</b>	
No. of Churches	<u>0</u>	No. of Schools	<u>0</u>
<b>HOMESITES</b>		<b>BUSINESSES</b>	
No. of Homesites	<u>3</u>	No. of Businesses	<u>6</u>
Average Value of Homes ( X \$1,000 )		Size of Businesses	S M L

STREAM CROSSINGS		
(CIRCLE type and write material, size and length)		
TYPE	MATERIAL	NUMBER, SIZE, & LENGTH
Bridge	<u>X</u>	<u>Concrete</u> <u>BTB U/S PART OF Hubertville Road</u>
Culverts		
Other or None		

UTILITIES			
(CHECK the location of the utilities in the area and CIRCLE stream orientation)			
<u>X</u>	Overhead (Power, Cable, etc.)	<u>U/S</u>	D/S
	Buried (Gas, Sewer, water, etc.)	U/S	D/S
	Elevated Cross channel (Water, Gas, etc.)	U/S	D/S
Remarks: <u>ON Hubertville Road</u>			

CHANNEL CHARACTERISTICS				FLOW	
(CHECK appropriate box for slope and fill in dimensions information)					
SLOPES		DIMENSIONS		Is Water Flowing?	
<u>X</u>	1.5 : 1 or steeper	Top Width (ft.)	<u>60</u>	YES	<u>NO</u>
	1.5 : 1 through 3 : 1 Slope	Bottom Width (ft.)	<u>20</u>	Is debris accumulating? (i.e. Leaves, Trash)	
	Flatter than 3 : 1	Depth (ft.)	<u>10</u>	<u>YES</u>	NO

STATEMENT OF PROBLEM						
(CHECK the boxes as needed, and CIRCLE the size of debris that applies)						
DEBRIS	IN CHANNEL	ACROSS CHANNEL	SIZE OF DEBRIS			BLOCKAGE
						% of X-Section Obstructed:
Pine Trees	<u>X</u>		<u>Light</u>	Moderate	Heavy	Less than 25%
Hardwoods	<u>X</u>	<u>X</u>				<u>26%-50%</u>
Shrubs						76%-100%
Other (explain)						

WORK METHOD AND LOCATION	
(CHECK the box that best applies)	
	Within Channel Floating Equipment (i.e. Barge or Marsh Buggy)
	Within Channel Non - Floating Equipment (Excavator/Track-hoe, Spider, etc)
<u>X</u>	From Top Banks
ACCESS TO SITE	
(Explain access issues and possible difficulties)	
<u>Access good on both sides</u>	
<u>East side - yard to houses</u>	
<u>West side - Cropland</u>	

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3 houses affected  
work from East side of channel  
- Access is good on both sides  
- East side yard to house  
- West side cropland

POE WP# 45  
No visible pipelines visible

Work load - low

WP# 44 N 29.89987 W 091.70777°  
WP# 45 N 29.90006 W 091.70709°

Report No.	Date		19
Weather	Min. Temp	Max. Temp	
Precip.	Inches	Skum Period	AM. PM.
Shift No.	App. Time	AM. PM.	AM. PM.
Work Period	AM. PM.		
<p>Delahousse Kilgore Rd @ WORK FORCE Eighty Agent Arpent Road</p>			
Supr.	Foreman		
Luborer			

ESTIMATED QUANTITIES OF WORK ACCOMPLISHED

ITEM NO.	ITEM	UNIT	QUANTITY
1	Tree down under bridge		
2	25' x 70' blockage		
3	Concrete bridge on wood		
4	Refrigs - powerline side		
5	bridge		
6	N 29.86923 W 091.69116 - WP# 43		
7	W/S end		

NARRATIVE

WP# 0484 POB - 015R  
L1B4B @ Hubertville Rd  
downed trees  
blockage of channel  
TW 60 BW 10<sup>1st</sup> channel DEPTH 10  
BW 20 H2O 3"  
Overhead powerlines on Hubertville Road

LATGAL 4B-4B AT HUBBARDVILLE RD.  
DSR 045-05-015R

TRULY, MANNING, DANKING  
02/15/06

CHANNEL DIMENSIONS ARE ABOUT 60' TOP WIDTH  
25' BOTTOM WIDTH  
10' DEPTH  
AFFECTED REEF IS NO MORE  
THAN 150' LONG AND VERY  
LIMITED IN SCOPE.

Project is  
NON-EMERGENCY

DRY TO LESS THAN 3" WATER DEPTH

VERY FEW LARGE HACKBERRY AND WILLOW TREES ON SOUTH SIDE OF  
CHANNEL IN VERY NARROW BAND. NORTH SIDE HAS A FEW  
MORE TREES, BUT STILL A NARROW BAND ON EDGE OF CROPLAND  
FIELD.

SOUTH SIDE IS VERY LOW DENSITY HOMES WITH LARGE BACK  
YARDS THAT ARE MAINTAINED ALMOST TO CHANNEL. THE  
BLOCKAGE IS LIMITED TO A FEW LARGE DOWNED TREES TOPS  
IN CHANNEL THAT COULD CAUSE SOME FLOODING OVER TIME.

REMOVAL OF DEBRIS FROM SOUTH SIDE IS RECOMMENDED.  
WORK COULD BE DONE WITH NO LOSS OF EXISTING TIMBER  
AND NO OTHER RESOURCES WOULD BE ADVERSELY  
IMPACTED. COULD BURN  $\frac{1}{2}$ , BURY ON SITE IF PERMITTED, OTHERWISE  
HAUL TO LANDFILL.

THIS PROJECT WOULD CAUSE NO ENVIRONMENTAL PROBLEMS.

Steve Truly  
Biologist